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BX6718

MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION DCOL

H-HOUR TIME PRIMARY	LOCAL TIME PRIMARY	H-HOUR TIME SPARE	LOCAL TIME SPARE	ITEM	LOCATION
H -22:30	1310			Pre-Mission Physical Exam	Flt Surg
H -21:30	1410			Eating	A/C Mess
H-20:30	1510			Recreation activities as scheduled	Selected Area
H -18:00	1740 1610			Intelligence Review	DCOMI
H -17:00	1840			Initial Brief & Recreation	DCO Brief Rm
H -14:00	2140			Eating	A/C Mess
H -13:00	2240			Crew Rest	Asgd House
H -4:00	0740			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	0810			Final Briefing	DCO Brief Rm
H -2:30	0910			Breakfast	A/C Mess
H -1:20	1020	H 1:20	1020	Final Physical Evaluation	DCOL
H -1:10	1030	H -:10	1130	Suiting	DCOL
H -:50	1050	H +:10	1150	Leave Ops	Transport Van
H -:45	1055	H +:15	1155	Arrive Aircraft	Hangar
H -:30	1110	H +:30	1210	Start Engine	Hangar
H -:20	1120	H +:40	1220	Taxi	Aircraft
H -:05	1135	H +:55	1235	Trim Engine	Aircraft
H -:00	1140	H +1:00	1240	Take Off	Aircraft
L +:25	_____			Post Mission Physical	DCOL
L +:45	_____			Ops Debrief	DCO Brief Rm
L +1:00	_____			Mission Debrief	DCO Brief Rm
L +3:30	_____			Released	

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25X1A

FROM: [redacted]

30 Aug 67

SUBJECT: Recovery Personnel for Mission BX6718

TO: DCO

25X1A [redacted]

25X1A [redacted]

DCOL USAF

DCOL

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25X1A

FRO [redacted] 30 August 1967

SUBJECT: Access Roster for Mission DX6716

TO: Mission Coordinator

25X1A

[redacted]	C.P.	HANGAR/COCKPIT	DCOL
		X	X
		X	X
		X	X
		X	X
		X	X
		X	X

DCOL

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T O P S E C R E T

FROM: Mission Coordinator _____ 196___

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held in the Operations Briefing Room on 30 AUG 196 7 at 1210 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6718.
2. Date/Time of Launch (H-Hour): 31 AUG / 0240 Z / 1140 L.
3. Ground Spare (H+1:00): 31 AUG / 0340 Z / 1240 L.
4. Bases: Takeoff [redacted] 25X1A taging —, Landing [redacted] 25X1A
5. Equipment required: TYPE I CAMERA [redacted] 25X1A
25X1A [redacted]
6. Ground Spare Requirements: SAME EQUIP AS PARA #5 EXCEPT
25X1A [redacted] IF VI NOT AVAILABLE
7. Special Instructions/Comments: LAUNCH BACK UP ACFT IF PRIMARY ABORTS AT 03402/1240L 31 AUG.

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR			DCOL		
DCO			DCOC/MC		
DCM			DCOMI		
DCS			DCOW		
SECUR			COMMO		
FLT SURG			AFCS		(Notify Only)
DCOM			TTFC(SAC	0705	(Notify Only)

T O P S E C R E T

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6718

* * * TOP SECRET * * *

LOCAL TIME

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS:..... 1140 – 1210 ok

DESIGNATE LIFE SUPPORT TECH [redacted] 25X1A

prim 1/c 127 P

B/u 1/c 129 P

H-23:30: ATTEND COMMANDERS BRIEFING:.....

SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1- [redacted] ok

SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL..... 1340=

H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON SURVIVAL AND E&E ITEMS:..... 1340-1410

H-22:00 TO H-17:00: PREFLIGHT: 1340-1840

BOTH SUITS (EA PILOT)..... ok

PARACHUTE AND EMERGENCY 02 SYSTEMS..... ok

SEAT KIT COMPONENTS..... ok

SUIT ROOM VENT..... ok

LOX VENT UNIT..... ok

OXYGEN CYLINDERS..... ok

TEST EQUIPMENT..... ok

TRANSPORT VANS..... ok

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:..... 1540 ok

H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:..... 0840 - 1000 ok

H-2:00 PERSONALLY CHECK WITH MISSION CORRDINATOR AT C.P. TO VERIFY NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: 0940 ok

P.....

S..... ok 2nd 1st Late

INSTALL SEAT KIT AND PARACHUTE:..... 0940- ok

H-2:00: RECEIVE PACKET FROM INTELLIGENCE..... 0940- ok

H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:..... 0955-1010 ok Man up 15 min

H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:..... 1000-1015 ok

H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:..... 1020-1030 ok

H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:..... 1030-1035 ok

*H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:..... 1035-1040 ok

*H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK..... 1040-1055 ok

H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:..... 1055- T.O. 1140 ok

LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....

DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....

POST-FLIGHT EQUIPMENT:.....

* * * TOP SECRET * * *

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25X1A

DATE 31 AUG 67 ACFT 127 PILOT [redacted]

TIME IN FLIGHT 5+15 TIME IN SUIT 6+45 PREBREATHING TIME 1+00

	SATISFACTORY	UNSATISFACTORY
1. PHYSICAL CONDITION (PILOT)		
2. SURVIVAL KIT AND CUSHION #50 S/B		
3. PARACHUTE S/N 102		
4. HELMET - 1		
A. REFLECTIONS		
B. FACE HEAT		
C. COMMUNICATIONS		
5. SUIT PROPER - 4		
A. CABIN DECOMPRESSION: YES (NO)		
6. OUTER GARMENT - 4 W		
7. BOOTS AND SPURS, -1 Q.D. Type		
8. GLOVES - 4		
9. OXYGEN SYSTEM		
10. MISCELLANEOUS		
11. EVALUATION ITEMS		
A.		
B.		
C.		
D.		
E.		

	DEPART TIME	DEPART AMT	RETURN TIME	RETURN AMT
#1	1103	8.75	1700	6.75
#2	1103	8.75	1700	8.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

25X1A [redacted]

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FULL PRESSURE SUIT TEST LOG

SUBJECT # 1050

SUIT # -4

OUTER GARMENT W/FLOAT GEAR -X

HELMET # -1

GLOVES # -4

BOOTS -1 R.D. Sparks

FLIGHT DATE 31 Aug 67

DON

DOFF

TIME IN SUIT

TECHNICIA [redacted]

25X1A

PRESS-TO-TEST	PRE-FLIGHT	SUBJECT TEST	POSTFLIGHT
	31 Aug 67 WB		
SYSTEM #1			
Max Pressure	120	116	109
Differential	1.4	1.3	1.3
Leak Rate	525	1400	750
SYSTEM #2			
Max Pressure	108	120	~~109~~ 118
Differential	1.4	1.5	~~1.3~~ 1.3
Leak Rate	550	350	~~1150~~ 550
Unpress Leak Rate	356	300	500
Face Heat	18		
Comm and Cord	✓		
Pencils	✓		
Knife	✓		
Controller Number	33		
Packet	✓		✓
Grease Zippers	✓		
Check Location of CO_2	✓		
Pressure Tap Screws		✓	

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D-B-1735

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FULL PRESSURE SUIT TEST LOG

SUBJECT # 1050 FLIGHT DATE 31 Aug 67

SUIT # -3 DON

OUTER GARMENT W/FLOAT GEAR -3 DOFF

HELMET # -2 TIME IN SUIT

GLOVES # [redacted] -3 TECHNICI[redacted] 25X1A

BOOTS

PRESS-TO-TEST	PRE-FLIGHT	SUBJECT TEST	POSTFLIGHT
SYSTEM #1	31 Aug 67 [illegible]		
Max Pressure	112		
Differential	1.3		
Leak Rate	500		
SYSTEM #2			
Max Pressure	109		
Differential	1.3		
Leak Rate	550		
Unpress Leak Rate	325		
Face Heat	125		
Comm and Cord	✓		
Pencils	✓		
Knife	✓		
Controller Number			
Packet			
Grease Zippers			
Check Location of CO_2			
Pressure Tap Screws			

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PRESSURE SUIT HOOK-UP AND CHECKLIST

1. ✓ Packet in pocket.
2. ✓ Stirrups secured.
3. ✓ Communication secured and functioning.
4. ✓ Face heat on (low).
5. ✓ Oxygen hoses secured in QD.
6. ✓ Three harness snaps secured - harness adjusted and surplus stowed.
7. ✓ Kit adjusted and surplus stowed.
8. ✓ Two (2) bailout hoses secured.
9. ✓ Lap belt, shoulder harness, key secured and adjusted.
10. ✓ Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
11. ✓ Emergency oxygen lanyard secured and pin removed.
12. ✓ Red knob secured.
13. ✓ Green apple secured.
14. ✓ Manual over ride handle secured.
15. ✓ Two (2) rocket jet releases secured.
16. ✓ Check face heat.
17. ✓ Heat probe.
18. ✓ Press to test both oxygen systems.
19. ✓ Readjust lap belt.
BEACON ON SNAP
20. ✓ LOW oxygen pressure - #1 system 75, 80 #2 system 95, 100.
21. ✓ HIGH oxygen pressure Departing #1 system 8.75 #2 system 8.75.
22. ✓ Foot rest guards over seat foot rests. TIME 11:03
23 ✓ KIT LANYARD HOOKED TO D RING. UNDER LAP BELT

SUBJECT 1650 AIRCRAFT NUMBER 127

TECHNICIA [redacted] F FLIGHT 31 Aug 67

25X1A

HIGH oxygen pressure Returning #1 system 6.75 #2 system 8.

1700

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EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

1. ✓ Ripcord pins seated (main and first stage).
2. ✓ Pack opening elastics secured.
3. ✓ First stage jettison mated and pins secured.
4. ✓ Two (2) rocket jet units secured.
5. ✓ Manual over ride handle secured.
6. ✓ Green apple secured.
7. ✓ Red knob secured.
8. ✓ Bailout hoses adjusted for pressure suit.
9. Bailout hose connectors operating.
10. ✓ Harness adjusted for HIGH flight.
11. ✓ Automatic openers - triggered and reset.
12. ✓ Aneroids 1400' to 7500'.
13. ✓ Bailout cylinder pins secured.
14. ✓ Bailout cylinder pressure #1 1800 #2 1800.
15. ✓ Communication cord secured to chute.
16. ✓ Visual inspection completed.

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. Vent secured at disconnect.
2. Kit secured to chute - loose.
3. Emergency oxygen lanyard secured to chute and pin installed.
4. Communication cord secured at disconnect.
5. Vent hose secured to chute.
6. Pin secured in QD and safetied.
7. Oxygen system low pressure #1 60/80 #2 75/80
8. Pip pin in "D" ring.
9. Stirrup cables extended and operating freely.
10. Foot rest guards over seat foot rest.

SUBJECT 1050 AIRCRAFT NUMBER 127.

25X1A

TECHNICIAN [redacted] OF FLIGHT 30 AUG 67.

SEAT KIT NUMBER 50 PARACHUTE NUMBER 102.

TYPE CUSHION S/B VENT HOSE NUMBER 60.

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FULL PRESSURE SUIT TEST LOG

SUBJECT # 1052 FLIGHT DATE 31 Aug 67

SUIT # -3 DON

OUTER GARMENT W/FLOAT GEAR -3 DOFF

HELMET # -4 TIME IN SUIT

GLOVES # ~~-10~~ -4 TECHNICIAN

BOOTS

PRESS-TO-TEST	PRE-FLIGHT		SUBJECT TEST	POSTFLIGHT
	23 Aug. 67 JB	30 aug. 67 JB		
SYSTEM #1				
Max Pressure	111	118		
Differential	1.3	1.2		
Leak Rate	700	850		
SYSTEM #2				
Max Pressure	114	110		
Differential	1.2	1.2		
Leak Rate	800	900		
Unpress Leak Rate	425	450		
Face Heat	18.5 ~			
Commo and Cord	✓			
Pencils	✓			
Knife	✓			
Controller Number				
Packet	—			
Grease Zippers				
Check Location of CO_2				
Pressure Tap Screws				

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FULL PRESSURE SUIT TEST LOG

SUBJECT # 1052

SUIT # -4

OUTER GARMENT W/FLOAT GEAR -4

HELMET # -3

GLOVES # -10-1

BOOTS -2 QD Spurs

FLIGHT DATE 31 Aug. '63

DON

DOFF

TIME IN SUIT

TECHNICI [redacted]

25X1A

	PRESS-TO-TEST 23 Aug CMR	PRE-FLIGHT 30 Aug. '63 MB	SUBJECT TEST	POSTFLIGHT
SYSTEM #1				
Max Pressure	114	116	120	120
Differential	1.2	1.2	1.5	1.2
Leak Rate	1100	950	300	1050
SYSTEM #2				
Max Pressure	116	118	120	114
Differential	1.6	1.2	1.5	1.2
Leak Rate	950	900	350	1050
Unpress Leak Rate	325	400	350	400
Face Heat	20 c			
Comms and Cord	✓			
Pencils	✓			
Knife	✓			
Controller Number				
Packet	✓			✓
Grease Zippers	✓			
Check Location of CO_2	✓			
Pressure Tap Screws			✓	

[redacted]

25X1A

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PRESSURE SUIT HOOK-UP AND CHECKLIST

1. Packet in pocket.
2. Stirrups secured.
3. Communication secured and functioning.
4. Face heat on (low).
5. Oxygen hoses secured in QD.
6. Three harness snaps secured - harness adjusted and surplus stowed.
7. Kit adjusted and surplus stowed.
8. Two (2) bailout hoses secured.
9. Lap belt, shoulder harness, key secured and adjusted.
10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
11. Emergency oxygen lanyard secured and pin removed.
12. Red knob secured.
13. Green apple secured.
14. Manual over ride handle secured.
15. Two (2) rocket jet releases secured.
16. Check face heat.
17. Heat probe.
18. Press to test both oxygen systems.
19. Readjust lap belt.
BEACON - UNSNAP
20. LOW oxygen pressure - #1 system 95, 100 #2 system 80/85.
21. HIGH oxygen pressure Departing #1 system 90 #2 system 9.25.
TIME - 1200
22. Foot rest guards over seat foot rests.
23. PARACHUTE STRAP ON D RING UNDER

SUBJECT 1052 AIRCRAFT NUMBER 129

25X1A

TECHNICIAN [redacted] DATE OF FLIGHT 31 Aug 67

HIGH oxygen pressure Returning #1 system _____ #2 system _____

Back up

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EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

1. ✓ Ripcord pins seated (main and first stage).
2. ✓ Pack opening elastics secured.
3. ✓ First stage jettison mated and pins secured.
4. ✓ Two (2) rocket jet units secured.
5. ✓ Manual over ride handle secured.
6. ✓ Green apple secured.
7. ✓ Red knob secured.
8. ✓ Bailout hoses adjusted for pressure suit.
9. Bailout hose connectors operating.
10. ✓ Harness adjusted for HIGH flight.
11. ✓ Automatic openers - triggered and reset.
12. ✓ Aneroids 1400' to 7500'.
13. ✓ Bailout cylinder pins secured.
14. Bailout cylinder pressure #1 1800 #2 1800.
15. ✓ Communication cord secured to chute.
16. ✓ Visual inspection completed.

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. ✓ Vent secured at disconnect.
2. ✓ Kit secured to chute - loose.
3. ✓ Emergency oxygen lanyard secured to chute and pin installed.
4. ✓ Communication cord secured at disconnect.
5. ✓ Vent hose secured to chute.
6. ✓ Pin secured in QD and safetied.
7. ✓ Oxygen system low pressure #1 70/75 #2 90/95.
8. ✓ Pip pin in "D" ring.
9. ✓ Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

SUBJECT 1052 AIRCRAFT NUMBER 129.

25X1A TECHNICIAN [redacted] DATE OF FLIGHT 31 Aug 67.

SEAT KIT NUMBER 52 PARACHUTE NUMBER 125.

TYPE CUSHION S/B VENT HOSE NUMBER 71.

Back up

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